



OREGON AGRICULTURAL COLLEGE EXPERIMENT STATION

Circular Bulletin No. 9

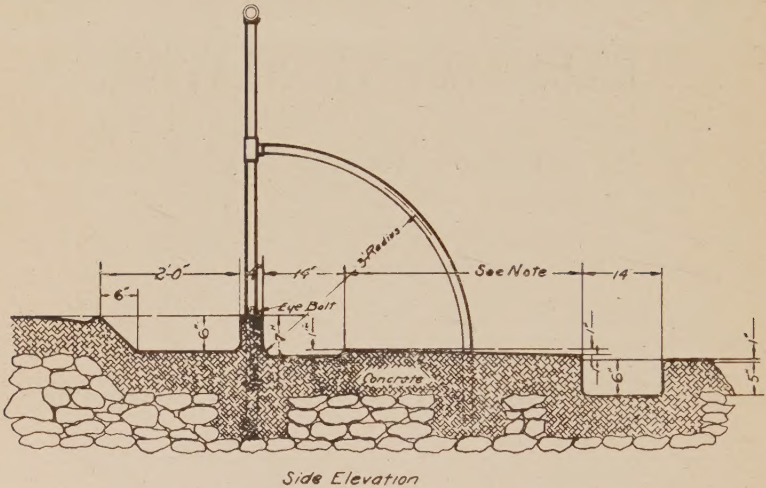
Department of Dairy Husbandry

1. Iron Cow Stall
 2. Hoard-Schulmerich Stall
-

By F. L. Kent

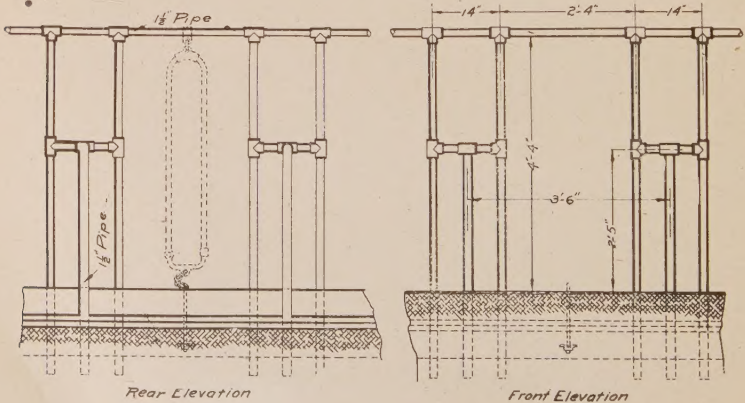
Corvallis, Oregon, March 191

Iron Cow Stall



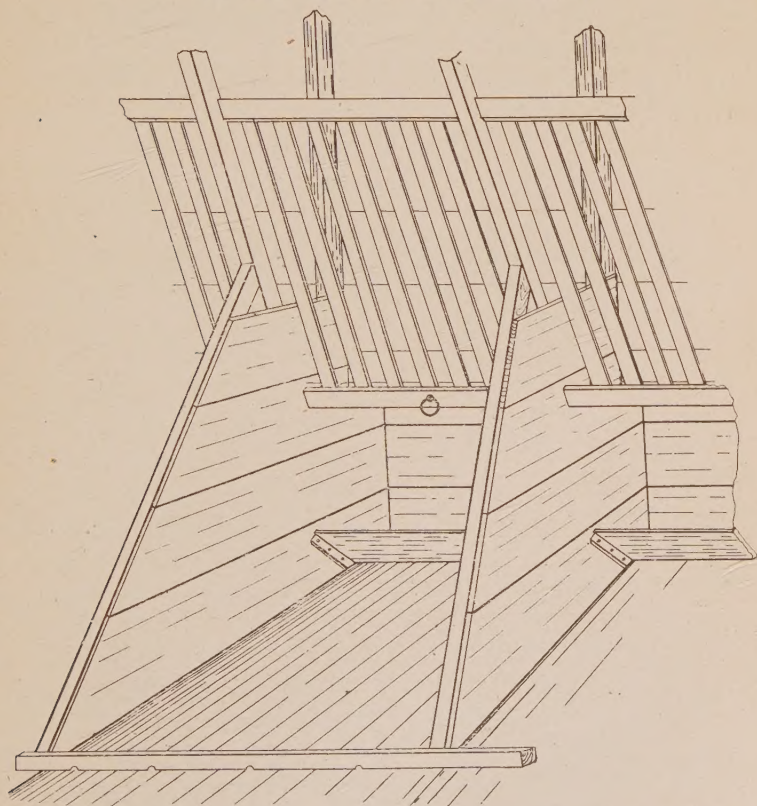
Note
Length of floor for large cows 3'-6", medium cows 3'-4", small cows 3'-2"

The modern idea in dairy stable construction is such an arrangement as will afford the least obstruction to light and circulation of air. In accordance with this idea iron stalls with swinging stanchions and cement floors are rapidly growing in favor. If desired, a removable wooden platform may be used during cold weather to cover that portion of the cement floor on which the animal lies.



The dimensions of this stall are shown in the accompanying cuts. The length suggested from rear of manger to front of gutter is 4 ft. 4 in., 4 ft. 6 in., and 4 ft. 8 in., for small, medium and large cows respectively. The width, 3 ft. 6 in., is for the medium sized cow. For small cows it should be 3 ft. 4 in., and for large cows, 3 ft. 8 in. The 1 inch depression in the front part of the platform enables the cow to stand level, helps to prevent slipping on the cement, and also aids in keeping the bedding in place. If preferred, this type of stall can be used with wood floor and manger construction.

Hoard-Schulmerich Stall



This stall was originated by ex-Governor Hoard of Wisconsin, editor of Hoard's Dairyman. The accompanying cut shows the stall with certain changes suggested by Mr. Wm. Schulmerich, and used by him on his farm near Hillsboro, Oregon. Cows kept in this type of stall are found to be surprisingly clean with very little care.

DESCRIPTION:—Length of stall, (lower board) 7 feet. Width, 3 ft. 6 in. for medium sized cows, 3 ft. 8 in. for large cows. Have two lower partition boards extend 10 inches farther forward than front of hay rack. Make frame of stall of 2x4 scantling. Set frame at such an angle that a board 1x12 in. will form bottom of hay rack, 2 ft. 6 in. from floor. Place feed box underneath hay rack as shown in cut, full width of stall. For front of hay rack nail three boards 1x12 in.; have lower board extend 6 in. lower than bottom of hay rack. Place 3x3 in. piece in rear of stall according to length of cow. Five feet from feed box to 3x3 will be about right for medium sized cows. Give floor 4 in. drop from front of stall to rear of gutter. Fasten cow with chain cow tie to bottom of hay rack in center of stall. Use slats 1x3 in., 4 ft. 6 in. long placed 3 inches apart, for hay rack.